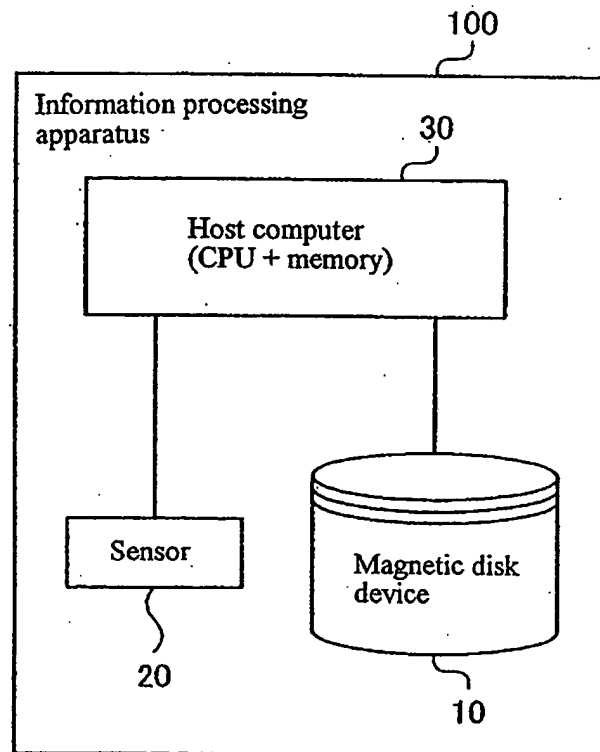


[Document type] Drawing

[Figure 1]

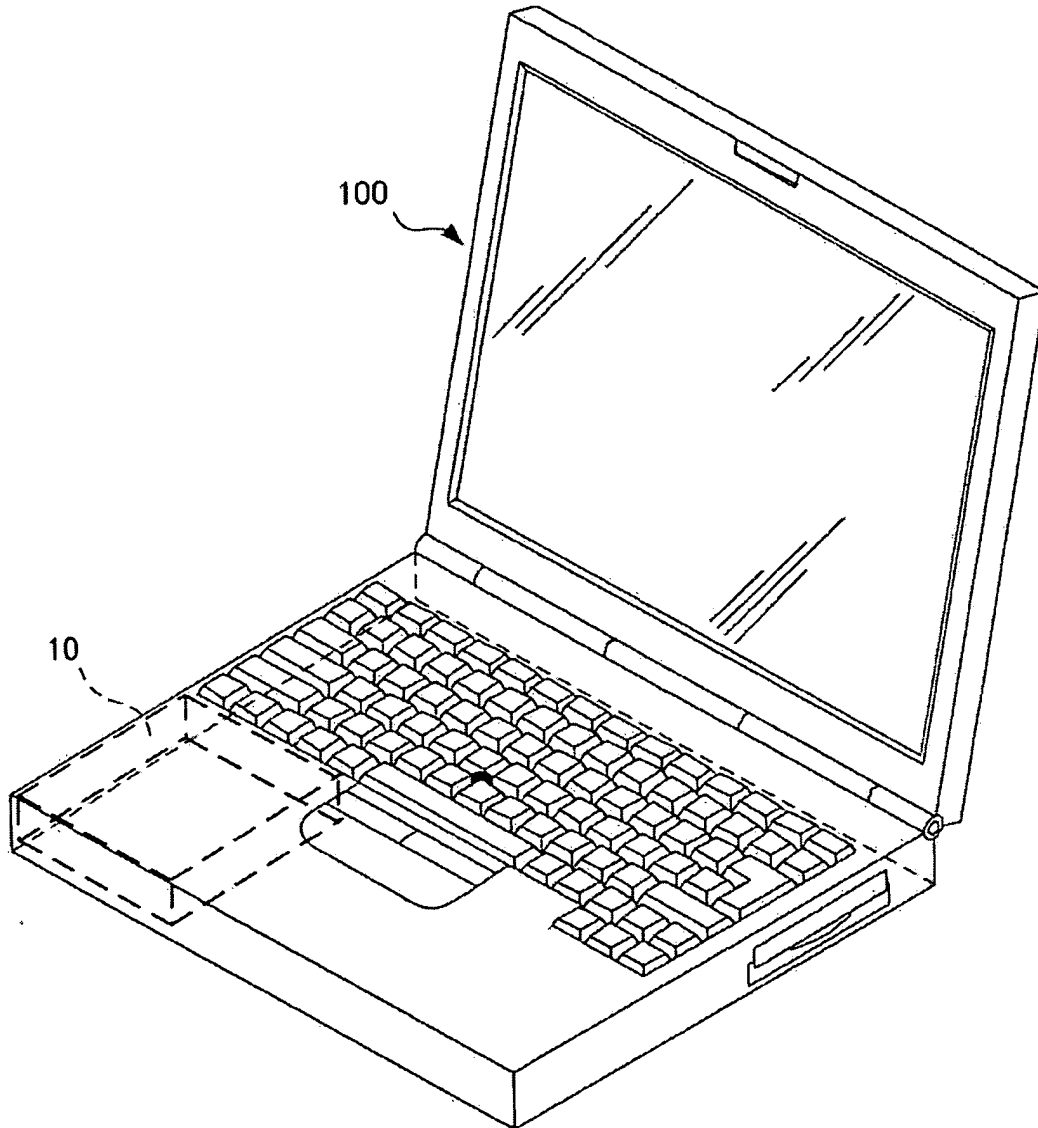
(1/14)



【図 2】

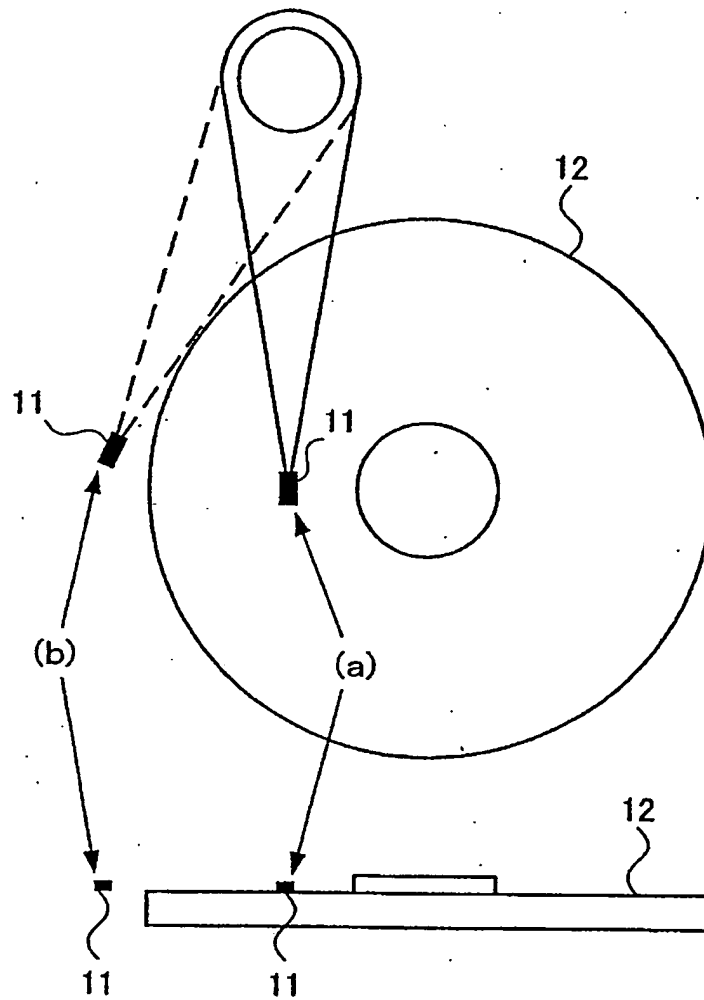
[Figure 2]

(2/14)



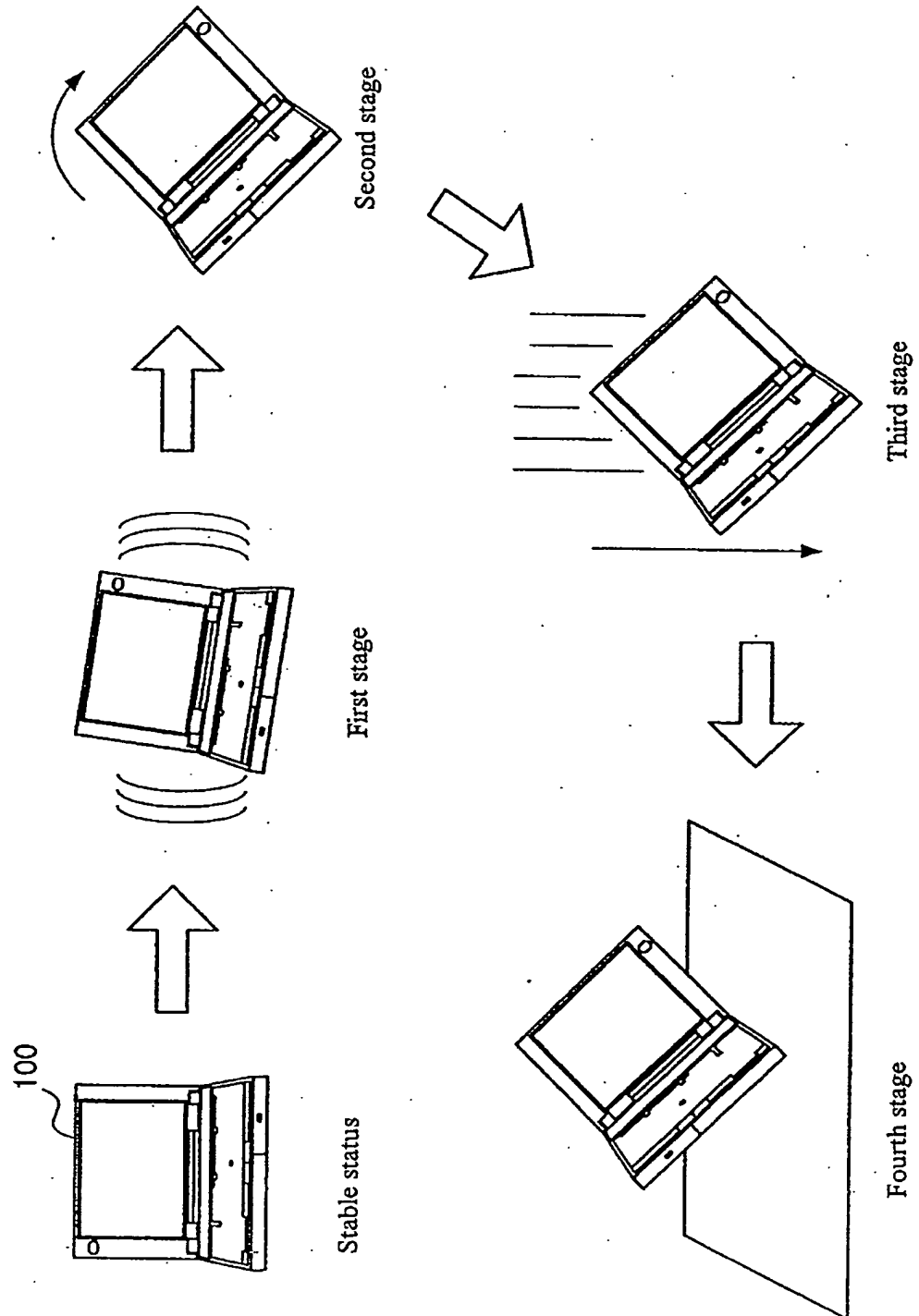
[Figure 3]

(3/14)



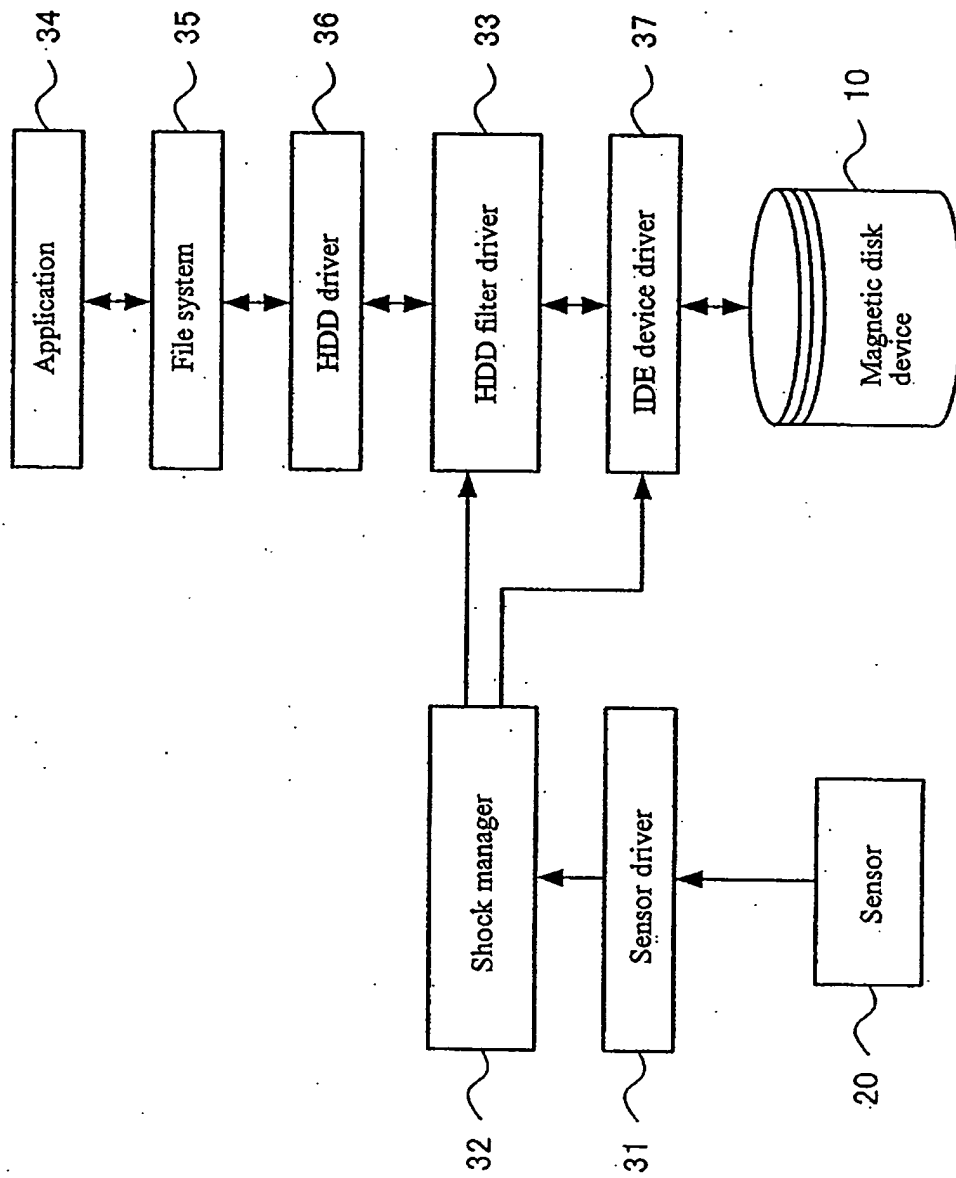
[Figure 4]

(4/14)



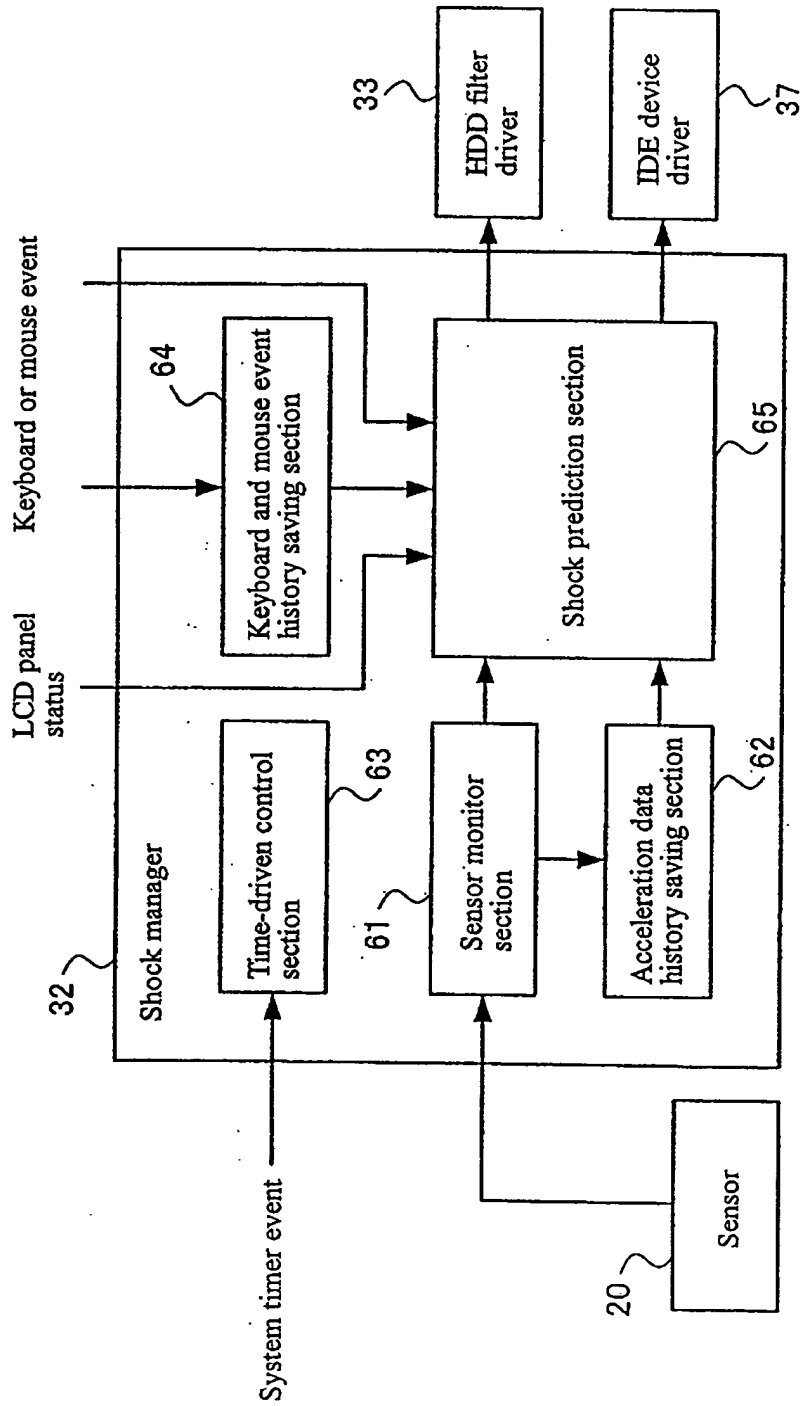
[Figure 5]

(5/14)



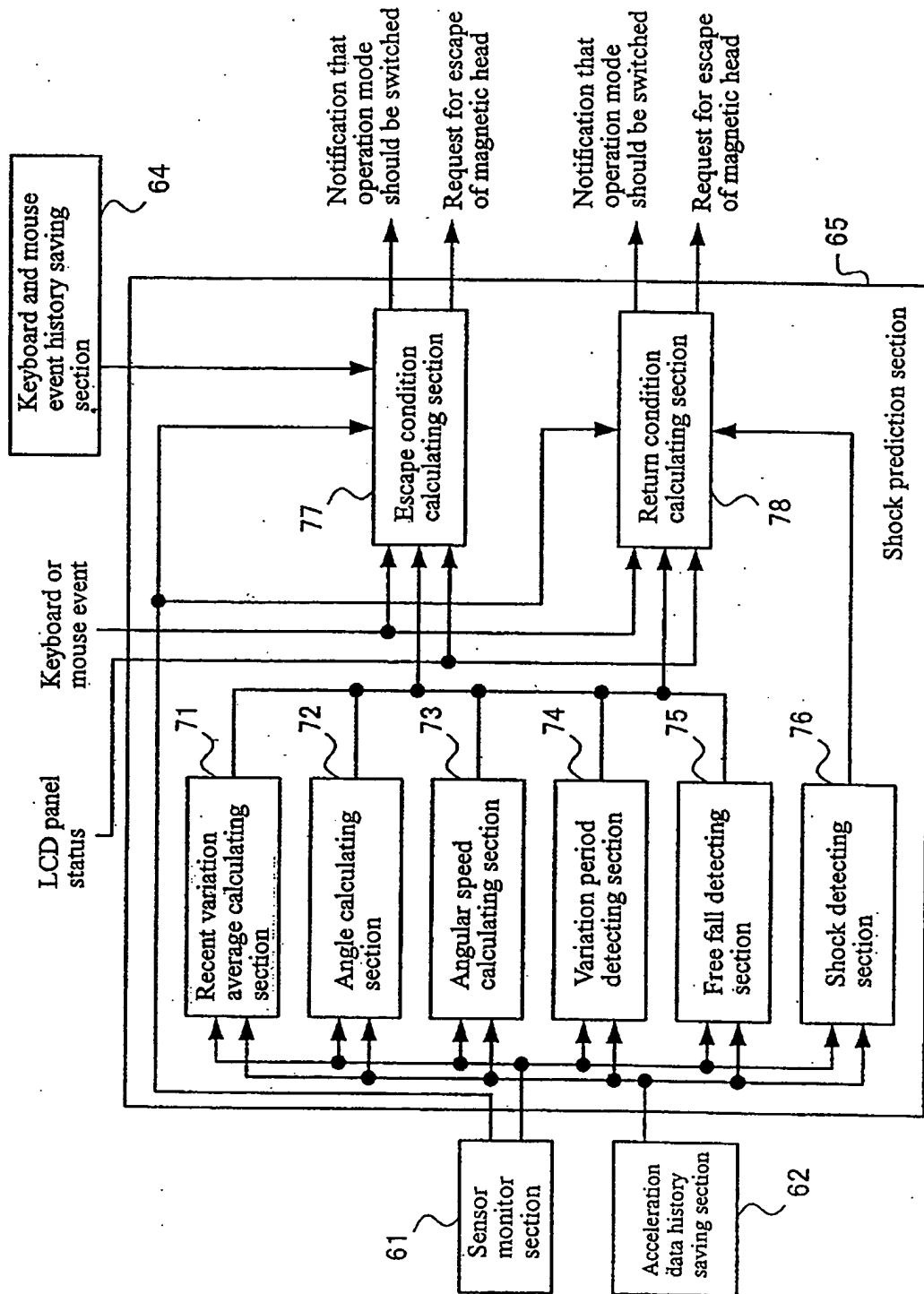
[Figure 6]

(6/14)



[Figure 7]

(7/14)



[Figure 8]

(8/14)

```
If ( $\omega > Th$ ) then
    Instruct magnetic head to escape on the basis
    of a shock prediction
    Start escape timer
else if ( $\omega > Th/2$ ) then
    Notify that operation mode has shifted to high
    risk mode
    Start high risk mode timer
Endif
```

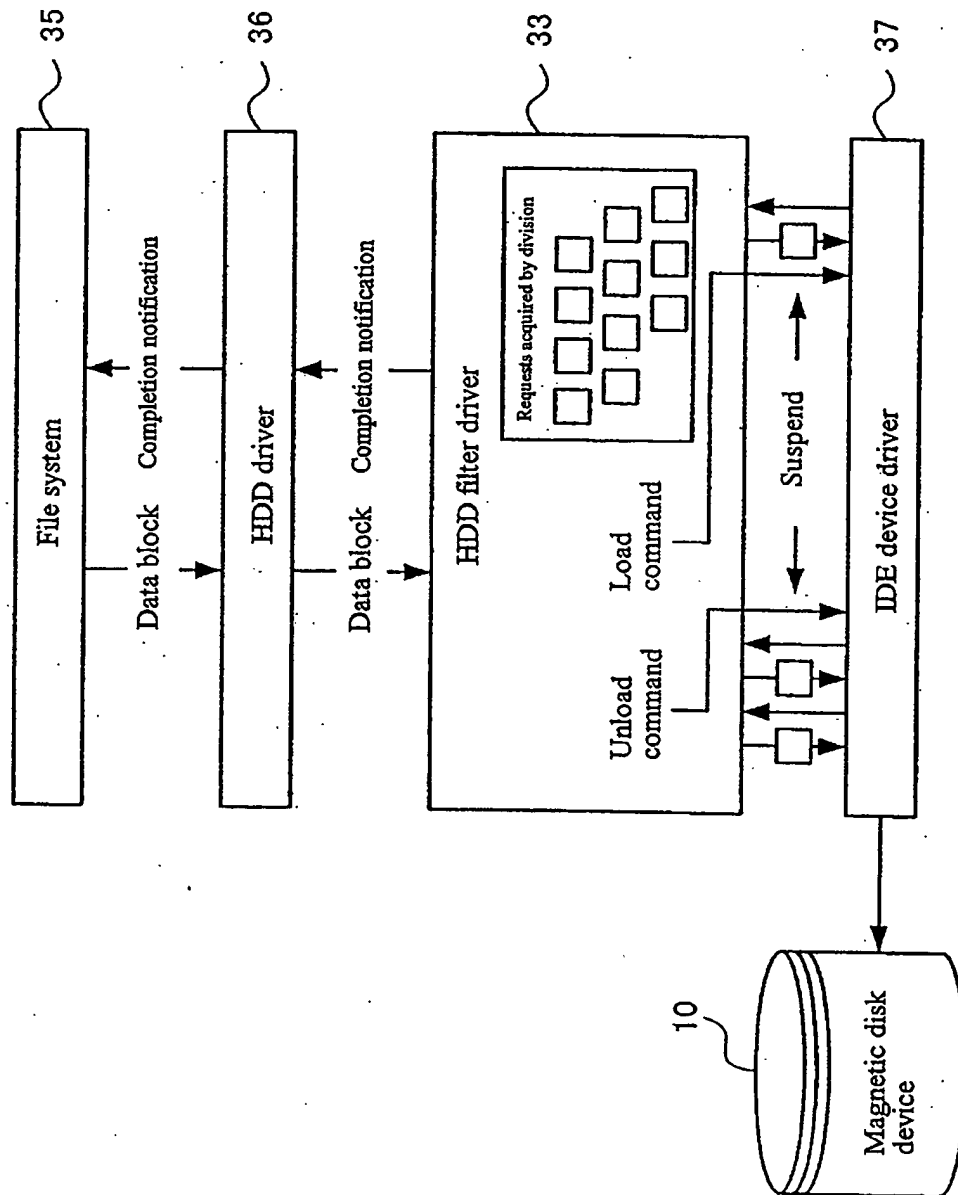
[Figure 9]

```
If (Escape timer times out) then
    If ( $\omega < Th/4$ ) then
        Instruct magnetic head to return
    Endif
Endif
If (High risk mode timer times out) then
    If ( $\omega < Th/8$ ) then
        Notify that operation mode has shifted to normal mode
    Endif
Endif
```

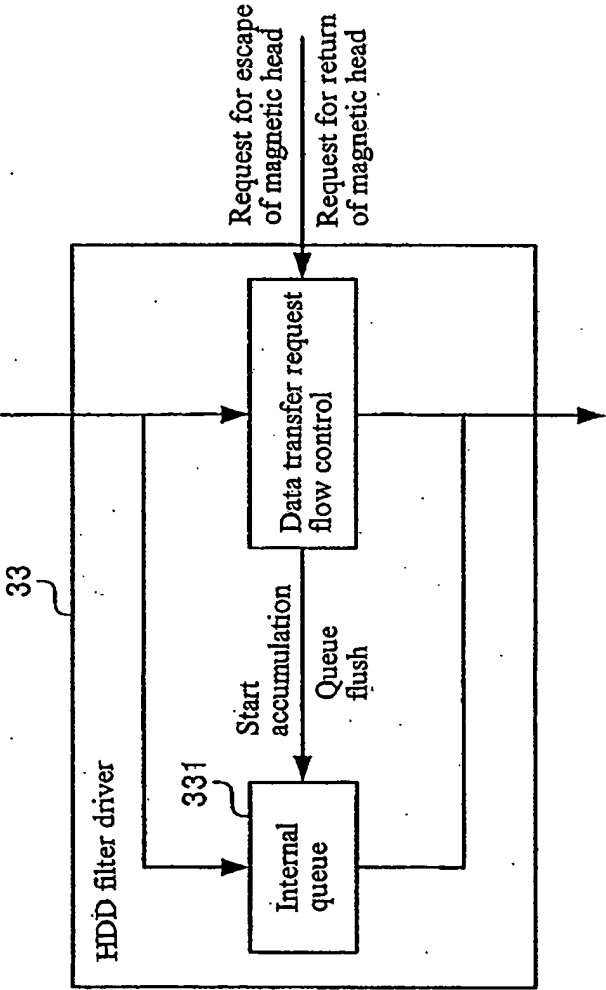


[Figure 10]

(9/14)

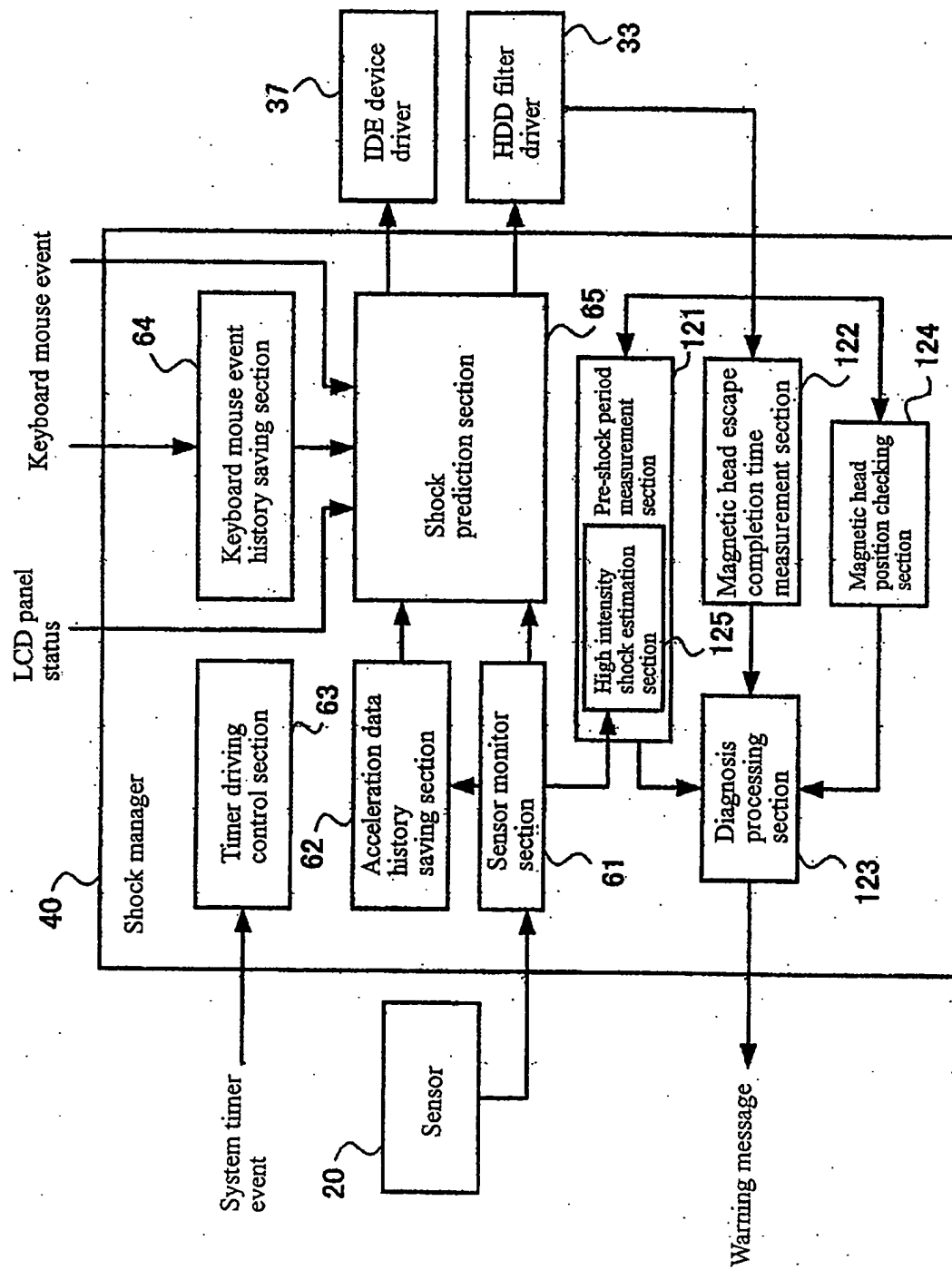


[Figure 11]



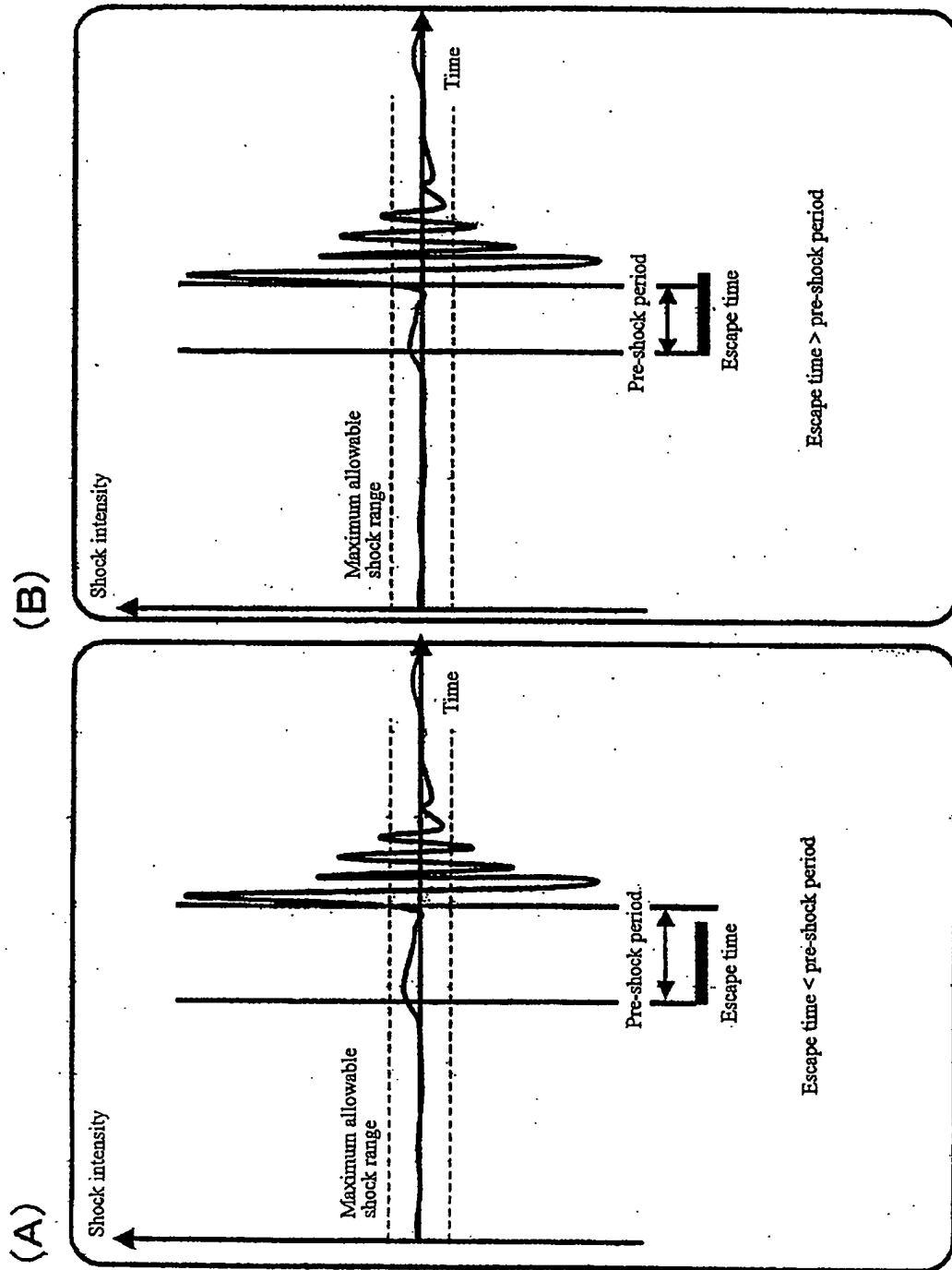
[Figure 12]

(11/14)



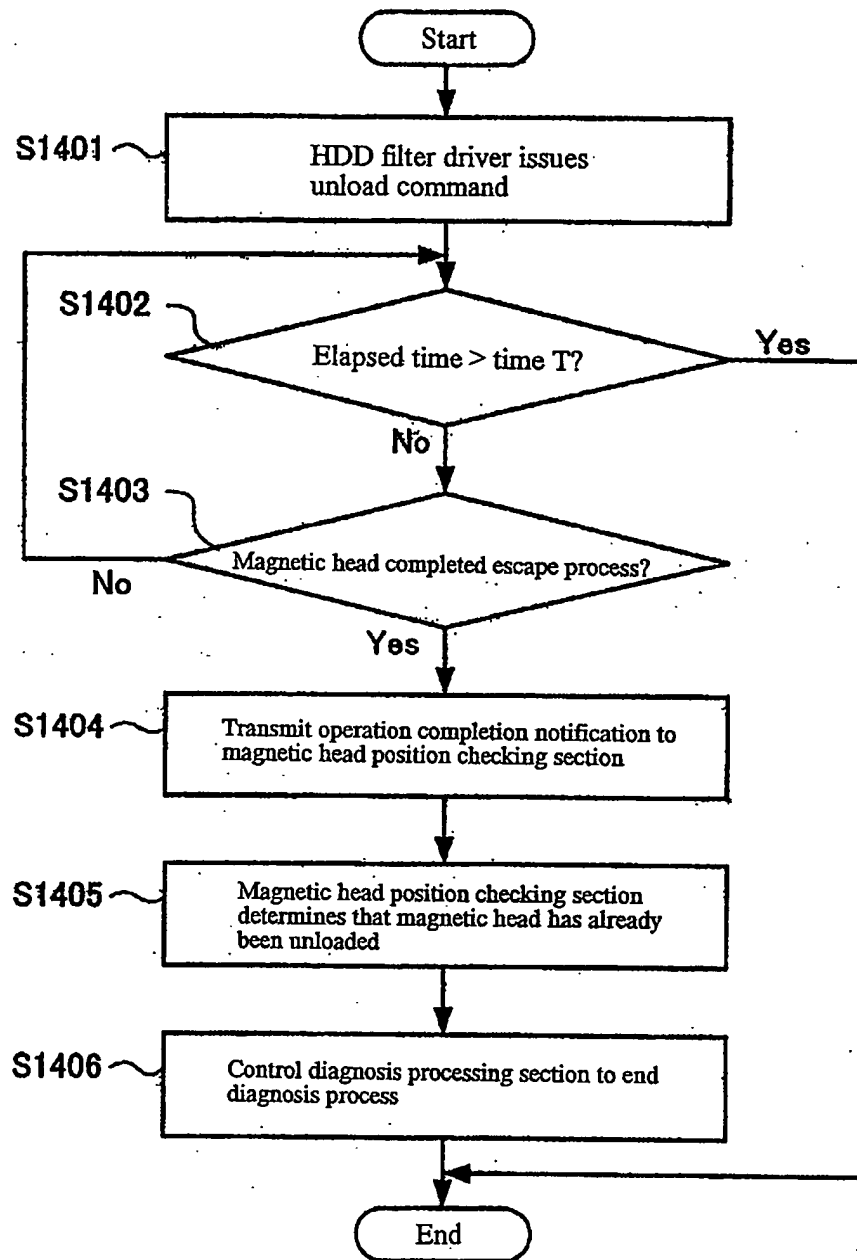
[Figure 13]

(12/14)



[Figure 14]

(13/14)



[Figure 15]

(14/14)

